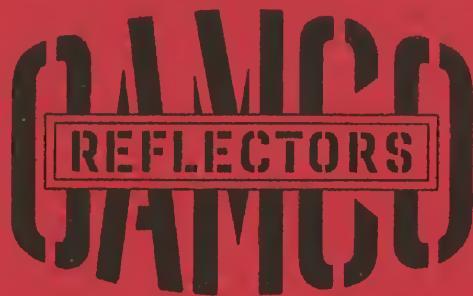


CATALOG No. 89

GRAVES ELECTRIC SUPPLY CO

111 SOUTH RICHARDSON ST.

GREENVILLE, S. C.



For Industrial and Commercial
Lighting



MANUFACTURED BY

OVERBAGH & AYRES MFG.
COMPANY

411 SO. CLINTON ST.

CHICAGO, ILLINOIS

GRAVES ELECTRIC SUPPLY CO.

111 SOUTH RICHARDSON ST.

GREENVILLE, S. C.

GRAVES ELECTRIC SUPPLY CO.

28 SOUTH RICHARDSON ST.
GREENVILLE, S. C.

OAMCO

**Industrial and Commercial
Lighting Reflectors**

Catalogue No. 89

February, 1934

This catalogue supersedes all former
catalogues, bulletins, and list prices.



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Illumination Data

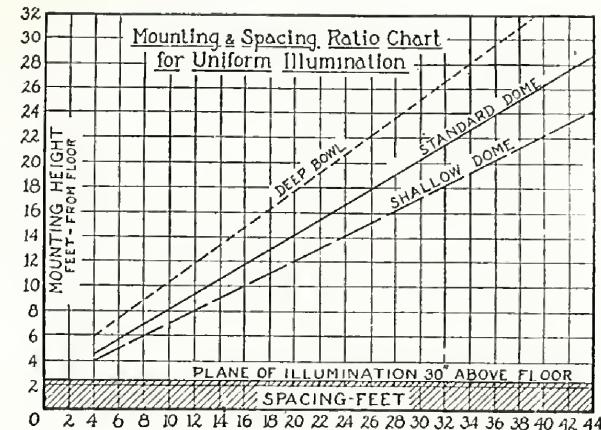
The foot-candle values given below are standard. They are an index to good practice. In most cases where higher foot-candle intensities than shown are used it is found that the benefits derived more than offset the slightly increased cost.

Foot-Candle Illumination

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Outdoor Lighting.....	5-15
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Correct Mounting and Spacing of Reflectors

Charts give the proper method for mounting and spacing different size reflectors to attain the foot-candle value desired.



Standard Dome Reflector Lighting Estimating Table

Approx. Area per Outlet (Sq. Ft.)	Mounting Height Above Floor (Feet)	Outlet Spacing (Feet)	AVERAGE FOOT-CANDLES (For Lamp Sizes as Follows)				
			100 Watt	150 Watt	200 Watt	300 Watt	500 Watt
55-65	7½	7¾ x 7¾	8-10	15-18	21-26		
65-75	8½	8½ x 8½	7-9	13-16	18-22		
75-85	8½	9 x 9	6-8	11-14	15-19		
85-95	9	9½ x 9½	5-7	10-12	14-17		
95-110	9½	10 x 10	4-6	8-10	12-15	21-26	
110-125	10	11 x 11	4-5	7-9	10-13	18-22	
125-145	10½	11½ x 11½	3-4	6-8	9-11	15-19	
145-170	11½	13 x 13	2-3	5-7	7-9	13-17	
170-200	11½	13½ x 13½	2-3	4-6	6-8	11-14	20-25
200-230	12½	14½ x 14½	1½-2½	3-4	5-7	10-12	17-22
230-260	13	15½ x 15½		3-4	4-6	8-10	15-19
260-300	13½	16¾ x 16¾		2-3	4-5	7-9	13-17
300-340	14½	18 x 18			3-4	6-8	12-14
340-390	15½	19 x 19			3-3½	5-7	10-12
390-440	16½	20½ x 20½			2-3	4-6	9-11
440-500	17	21¾ x 21¾				4-5	8-10

Paint Enamaled Tin Reflectors

Finished Green Outside, Reflecting Surface White

These reflectors are coated with a superior hard enamel that is very lasting. The reflecting qualities are efficient. The enamel can be cleaned with soap and water.

With Type A Collar
For Standard 2 $\frac{1}{4}$ -Inch Shade Holder



Flat Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
508	\$18.00	8	25	7
508A	23.00	10	25	10
508B	43.00	12	25	15
508C	50.00	14	25	22
508D	70.00	16	25	30



Shallow Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
507A	\$26.00	8	25	9
507B	30.00	10	25	12
507C	48.00	12	25	18



Deep Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
547A	\$23.30	8	25	9
547B	27.20	10	25	12
547C	50.00	12	25	17

With Type B Holder Attached
For Brass Threaded Shell Sockets



Flat Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
659	\$28.00	8	25	7
659A	36.00	10	25	10
659B	43.00	12	25	15
659C	62.00	14	25	22



Shallow Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
661	\$35.00	8	25	9
661A	40.00	10	25	12
661B	55.00	12	25	18



Deep Cone

No.	List Price per 100	Diam. Inches	Standard Package Quantity	Wt. Lbs.
660	\$31.00	8	25	9
660A	36.00	10	25	12
660B	47.00	12	25	17

Half Reflectors

Material

Steel

Brass

Brass

Finish

Green Lacquer outside; Aluminum Bronze inside.

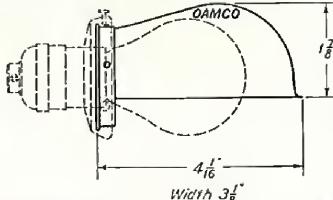
Brush Brass outside; Aluminum Bronze inside.

Nickel Plate outside; Aluminum Bronze inside.

With Type A Collar For Standard 2 1/4-Inch Shade Holder



No. 959



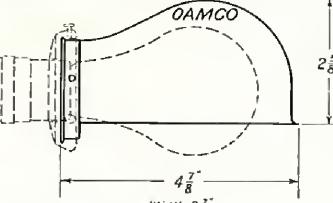
For 25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959	\$32.00	Green	20	3
959A	61.00	Brush Brass	20	3

With Type A Collar For Standard 2 1/4-Inch Shade Holder



No. 959B



For 50 or 60 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959B	\$44.00	Green	20	6
959C	79.00	Brush Brass	20	6

Half Reflectors With Type C Holder Attached for Porcelain Sockets

25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
959D	\$48.00	Green	20	3

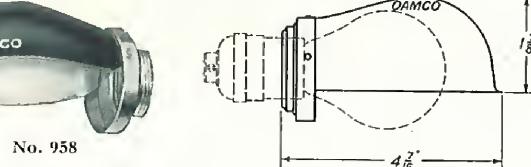
50 or 60 Watt Lamps

No.	List Price Each	Finish	Standard Quantity	Package Weight Lbs.
959E	.53	Green	20	6

With Type B Holder Attached For Brass Threaded Shell Sockets



No. 958



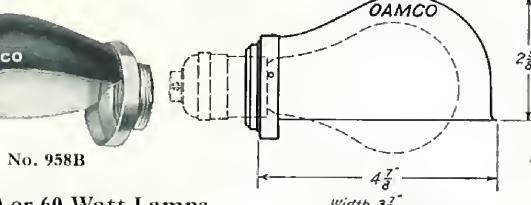
For 25 or 40 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
958	\$43.00	Green	20	3
958A	83.00	Brush Brass	20	3
958D	100.00	Nickel Plate	20	3

With Type B Holder Attached For Brass Threaded Shell Sockets



No. 958B



For 50 or 60 Watt Lamps

No.	List Price Per 100	Finish	Standard Quantity	Package Weight Lbs.
958B	\$48.00	Green	20	6
958C	88.00	Brush Brass	20	6
958E	105.00	Nickel Plate	20	6

Parabola Reflectors

For 25, 40, or 60 Watt Lamps



No. 1123

Made of steel or brass with snap-on holder for brass threaded shell sockets. Inside aluminum bronze, outside as indicated in listings; diameter 6 1/2 ins; Depth, 3 ins.

No.	List Price Each	Finish	Standard Quantity	Package Weight Lbs.
1123	\$0.50	Green	20	11
1123A	.55	Brush Brass	20	11
1123B	.60	Statuary Bronze	20	11



Tubular Half Reflectors

For 25 Watt T-10 Tubular Lamps

For show case lighting and other places of a similar nature. Type B holder is attached to reflector and fits any brass threaded shell socket. Reflectors are finished aluminum bronze inside, outside as indicated in listings.



No. 577

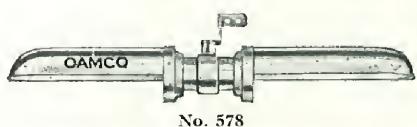
	No.	List Price	Description	Lgth. In.	Width In.	Standard Quan.	Pkg. Wt. Lbs.
	577	\$0.70	Brass—Nickel Plate.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
	577E	.70	Brass—Brush Brass.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
	577F	.60	Steel—Green Lacquer.....	6 $\frac{3}{4}$	2 $\frac{1}{8}$	20	6
	577A	.30	Adjustable Bracket—Nickel Plate.....			20	1
	577B	1.00	Reflector No. 577 and Adjustable Bracket No. 577A.....		2 $\frac{1}{8}$	20	7
	577C	1.55	Reflector No. 577, Adjustable Bracket No. 577A, and Nickel Plated Keyless Socket.....	10	2 $\frac{1}{8}$	10	5
	577D	2.00	Reflector No. 577 and Nickel Plated Keyless Angle Socket	9	2 $\frac{1}{8}$	10	5



No. 577C

Two Light Tubular Half Reflectors

For 25 Watt T-10 Tubular Lamps



No. 578

	No.	List Price	Description	Lgth. In.	Width In.	Standard Quan.	Pkg. Wt. Lbs.
	578	\$3.25	Two Reflectors No. 577, Nickel Plated Twin Socket, and Adjustable Bracket.....	17	2 $\frac{1}{8}$	10	9
	578A	2.75	Two Reflectors No. 577 and Nickel Plated Twin Socket with $\frac{1}{8}$ inch Bushing.....	17	2 $\frac{1}{8}$	10	8
	578B	2.75	Two Reflectors No. 577 and Nickel Plated Twin Socket with $\frac{3}{8}$ inch Bushing.....	17	2 $\frac{1}{8}$	10	8

Nickel Plated Pull Chain Socket can be furnished with above reflectors.

Single Pull Chain Sockets..... **\$0.75** List
 Twin Pull Chain Sockets..... **2.30** List

Show case wiring fittings for use with reflectors Nos. 577D and 578A are listed on page 24.



Two Light Tubular Half Reflectors

For 25 Watt T-10 Tubular Lamps

For lighting of show cases and similar places. Made of brass, nickel plated outside and inside. Two clamps are furnished which attach to a brass shell twin socket. Reflector is slotted to allow adjustment half way around the lamp so the mounting may be in an upright, pendant, or bracket position.



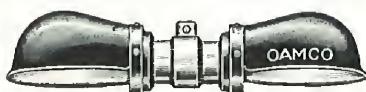
No. 773C

No.	List Price]	Description	Lghth. In.	Width In.	Standard Quan.	Pkg. Wt. Lbs.
773	\$1.40	Reflector only.....	14	2½	10	6
773A	2.75	Reflector and Nickel Plated Twin Socket with $\frac{1}{8}$ -inch Bushing.....	14	2½	10	11
773B	2.75	Reflector and Nickel Plated Twin Socket with $\frac{3}{8}$ -inch Bushing.....	14	2½	10	11
773C	3.25	Reflector, Adjustable Bracket, and Nickel Plated Twin Socket.....	14	2½	10	11

Two Light Half Reflectors

For Illuminating Display Cases, Wall Displays, Shelves, Etc.

Reflectors are brass, nickel plated outside, aluminum bronzed inside. They swivel on the socket so when mounted they can be placed in any position. Twin socket is nickel plated.



No. 1136

For 25 or 40 Watt A-19 Lamps

No.	List Price	Description	Lghth. In.	Width In.	Standard Quan.	Pkg. Wt. Lbs.
1136	\$3.35	$\frac{1}{8}$ -inch Socket Bushing.....	12	3 $\frac{1}{8}$	10	8
1136A	3.35	$\frac{3}{8}$ -inch Socket Bushing.....	12	3 $\frac{1}{8}$	10	8

For 50 or 60 Watt A-21 Lamps

1136B	\$3.45	$\frac{1}{8}$ -inch Socket Bushing.....	13	3 $\frac{7}{8}$	10	11
1136C	3.45	$\frac{3}{8}$ -inch Socket Bushing.....	13	3 $\frac{7}{8}$	10	11

Nickel Plated Twin Pull Chain Sockets \$2.30 List.

Show case wiring fittings for use with reflector No. 773A listed on page 24.



Porcelain Enameled Steel Reflectors with Sockets

DESCRIPTION

Finish: Outside green, reflecting side white.

Socket: Porcelain, National Electrical Code Standard.

Fitting: Flange and hexagon nut, cadmium plated, tapped for $\frac{1}{2}$ -inch conduit.

Use: For general illumination, indoors and outdoors.

Standard Dome Reflectors



No. 885

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height		
885D	\$3.20	12	7 $\frac{1}{4}$	50, 60	10
885	3.30	12	8	75, 100	10
885A	3.50	14	9 $\frac{1}{8}$	150	10
885B	4.10	16	10 $\frac{3}{8}$	200	10
885C	5.30	18	12 $\frac{1}{8}$	300, 500	5

Shallow Dome Reflectors



No. 841

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height		
841	\$3.20	12	6 $\frac{1}{4}$	50, 60	10
841A	3.30	12	7	75, 100	10
841B	3.50	14	8	150	10
841C	4.10	16	9 $\frac{1}{4}$	200	10

Flat Cone Reflectors



No. 1071A

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height		
1071A	\$3.30	14	6	75, 100	10
1071B	3.50	16	7 $\frac{1}{4}$	150	10

With Pull Chain Socket



Pull Chain Socket will be supplied with Reflectors at an advance of 80 cents list.

Porcelain Enameled Steel Reflectors with Sockets

DESCRIPTION

Finish: Outside green, reflecting side white.

Socket: Porcelain, National Electrical Code Standard.

Fitting: Flange and hexagon nut, cadmium plated, tapped for $\frac{1}{2}$ -inch conduit.

Use: For localized lighting, indoors and outdoors.



No. 761

Deep Bowl Reflectors

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height		
761	\$2.90	7	7 $\frac{1}{2}$	50, 60	10
761A	3.10	8	8 $\frac{1}{2}$	75, 100	10
761C	3.50	10	10	150, 200	10
761D	5.20	12	11 $\frac{3}{4}$	300, 500	5



No. 918

Symmetrical Angle Reflectors

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
		Diam.	Height		
918	\$2.95	8	8	75, 100	10
918A	3.45	10	9 $\frac{3}{4}$	150	10
918B	3.95	12	12	200	10
918C	4.95	14	15	300, 500	5



With Pull Chain Socket

Pull Chain Socket will be supplied with Reflectors at an advance of 80 cents list.



Threaded Reflectors

Porcelain enameled green outside—white inside.

With threaded copper neck to fit pendent or outlet box hoods.

Reflectors are interchangeable.

For indoor and outdoor use.

Pendent Hood



No. 1052

Green Enameled.
Tapped $\frac{1}{2}$ inch

No.	Socket	Std.	Pkg.	Each
1052	Medium	10		\$1.10
1053	Mogul	5		1.60

Outlet Box Hood



No. 1054

Green Enameled.
For 4 inch Outlet Box

No.	Socket	Std.	Pkg.	Each
1054	Medium	10		\$1.10
1055	Mogul	5		1.60



No. 1048

Standard Dome Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
12	75, 100	10	1048	\$2.20	1056	\$3.30	1060	\$3.30
14	150	10	1049	2.40	1057	3.50	1061	3.50
16	200	10	1050	3.00	1058	4.10	1062	4.10
18	300, 500	5	1051	3.70	1059	5.30	1063	5.30



No. 1072

Shallow Dome Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
12	75, 100	10	1072	\$2.20	1072C	\$3.30	1072F	\$3.30
14	150	10	1072A	2.40	1072D	3.50	1072G	3.50
16	200	10	1072B	3.00	1072E	4.10	1072H	4.10



No. 1073

Deep Bowl Reflectors

Reflector Description			Reflector Only		Complete Unit Pendent Hood and Reflector		Complete Unit Outlet Box Hood and Reflector	
Diam., Inches	Size of Lamp, Watts	Std. Pkg.	Cat. No.	Each	Cat. No.	Each	Cat. No.	Each
8	75, 100	10	1073	\$2.00	1073C	\$3.10	1073F	\$3.10
9	150	10	1073A	2.40	1073D	3.50	1073G	3.50
10	200	10	1073B	2.40	1073E	3.50	1073H	3.50

Pull Chain Sockets will be supplied with hoods at an advance of 80 cents list.

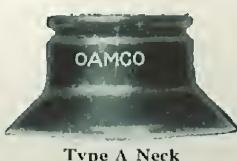
Holder Type Standard Dome Reflectors



No. 871

DESCRIPTION

Reflector: Steel, porcelain enameled.
 Finish: Outside green, reflecting side white.
 Use: For general illumination.



Type A Neck



Type B Holder



Type C Holder



Type D Holder

With Type A Neck for Standard 2 1/4-Inch Shade Holders

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package Quantity	Package Weight Lbs.
		Diam.	Hgt.			
871C	\$1.80	12	4 7/8	50, 60	10	16
871	1.90	12	5 1/2	75, 100	10	17
871A	2.20	14	6 3/4	150	10	28
871B	2.60	16	7 3/4	200	10	37

With Type B Holder for Brass Shell Sockets

872C	\$1.95	12	4 7/8	50, 60	10	16
872	2.05	12	5 1/2	75, 100	10	17
872A	2.35	14	6 3/4	150	10	28
872B	2.75	16	7 3/4	200	10	37

With Type C Holder for Porcelain Sockets

873C	\$1.95	12	4 7/8	50, 60	10	16
873	2.05	12	5 1/2	75, 100	10	17
873A	2.35	14	6 3/4	150	10	28
873B	2.75	16	7 3/4	200	10	37

With Type D Holder for Aluminum Weatherproof Threaded Sockets

For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.

939C	\$1.95	12	4 7/8	50, 60	10	16
939	2.05	12	5 1/2	75, 100	10	17
939A	2.35	14	6 3/4	150	10	28
939B	2.75	16	7 3/4	200	10	37

Holder Type Shallow Dome Reflectors



DESCRIPTION

Reflector: Steel, porcelain enameled.
 Finish: Outside green, reflecting side white.
 Use: For general illumination.

With Type A Neck for Standard 2 1/4-Inch Shade Holders						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
766	\$0.95	10	3	25, 40	10	11
766A	1.15	12	3 1/2	50	10	15
766B	1.50	14	4	60	10	18
766C	1.90	16	4 1/2	75, 100	10	30

With Type B Holder for Brass Shell Sockets						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
895	\$1.10	10	3	25, 40	10	11
895A	1.30	12	3 1/2	50	10	15
895B	1.65	14	4	60	10	18
895C	2.05	16	4 1/2	75, 100	10	30

With Type C Holder for Porcelain Sockets						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
896	\$1.10	10	3	25, 40	10	11
896A	1.30	12	3 1/2	50	10	15
896B	1.65	14	4	60	10	18
896C	2.05	16	4 1/2	75, 100	10	30

With Type D Holder for Aluminum Weatherproof Threaded Sockets						
For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
940	\$1.10	10	3	25, 40	10	11
940A	1.30	12	3 1/2	50	10	15
940B	1.65	14	4	60	10	18
940C	2.05	16	4 1/2	75, 100	10	30



No. 909

Holder Type Deep Bowl Reflectors

DESCRIPTION

Reflector: Steel, porcelain enameled.
Finish: Outside green, reflecting side white.
Use: For localized lighting.

With Type A Neck for Standard 2½-Inch Shade Holders						
No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
909E	\$0.95	5	3¾	25, 40	10	9
909A	1.50	7	4¾	50, 60	10	11
909B	1.60	8	6¾	75, 100	10	13
909C	1.80	9	7	150	10	16
909D	2.20	10	7½	200	10	20
With Type B Holder for Brass Shell Sockets						
910E	\$1.10	5	3¾	25, 40	10	9
910A	1.65	7	4¾	50, 60	10	11
910B	1.75	8	6¾	75, 100	10	13
910C	1.95	9	7	150	10	16
910D	2.35	10	7½	200	10	20
With Type C Holder for Porcelain Sockets						
911E	\$1.10	5	3¾	25, 40	10	9
911A	1.65	7	4¾	50, 60	10	11
911B	1.75	8	6¾	75, 100	10	13
911C	1.95	9	7	150	10	16
911D	2.35	10	7½	200	10	20
With Type D Holder for Aluminum Weatherproof Threaded Sockets						
For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.						
941E	\$1.10	5	3¾	25, 40	10	9
941A	1.65	7	4¾	50, 60	10	11
941B	1.75	8	6¾	75, 100	10	13
941C	1.95	9	7	150	10	16
941D	2.35	10	7½	200	10	20



No. 892

Holder Type Angle Reflectors

DESCRIPTION

Reflector: Steel, porcelain enameled.
Finish: Green outside, reflecting side white.
Use: For localized side illumination.



Type A Neck

With Type A Neck for Standard 2 1/4-Inch Shade Holders

No.	List Price	Dimensions in Inches		Lamp Size Watts	Standard Package	
		Diam.	Hgt.		Quantity	Weight Lbs.
892	\$1.15	7	5 1/2	25-60	10	8
892A	1.45	8	7	75-100	10	12
892C	1.95	10	9	150-200	10	18



Type B Holder

With Type B Holder for Brass Shell Sockets

893	\$1.30	7	5 1/2	25-60	10	8
893A	1.60	8	7	75-100	10	12
893C	2.10	10	9	150-200	10	18



Type C Holder

With Type C Holder for Porcelain Sockets

894	\$1.30	7	5 1/2	25-60	10	8
894A	1.60	8	7	75-100	10	12
894C	2.10	10	9	150-200	10	18



Type D Holder

With Type D Holder for Aluminum Weatherproof Threaded Sockets

For use with Sockets Nos. 4200, 4201, and Outlet Box Cover Socket No. 1406 listed on page 21, Benjamin Elec. Mfg. Co's. Nos. 4200 to 4237, Pass & Seymour's No. 8000, or other sockets with same thread.

942	\$1.30	7	5 1/2	25-60	10	8
942A	1.60	8	7	75-100	10	12
942C	2.10	10	9	150-200	10	18

Miscellaneous Reflectors



No. 923

Sewing Machine Reflectors

With Type B Holder for Brass Shell Sockets
For 25 or 40 Watt A-19 Lamps

No. 923 is paint enameled green outside, aluminum inside.
No. 923A is porcelain enameled green outside, white inside.

No.	List Price	Diam. Inches	Finish	Standard Quantity	Package Weight Lbs.
923	\$0.60	3 3/4	Paint Enameled	10	3
923A	.90	3 3/4	Porcelain Enameled	10	4

Flat Cone Reflectors

Porcelain Enameled Green Outside—Reflecting Side White, with
Type A Neck for Standard 2 1/4-Inch Shade Holders



No. 764

No.	List Price	Diam. Inches	Standard Quantity	Package Weight Lbs.
764	\$0.90	10	10	11
764A	1.15	12	10	15
764B	1.50	14	10	18
764C	1.90	16	10	30



No. 1125

Post Office Reflectors

Porcelain Enameled Green Outside—Reflecting Side White

Complies with the specifications of the United States Post Office Department. The holder permits the reflector to swivel. Equipped with Type B holder for brass shell sockets.



No. 1126

Angle Type

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1125	\$1.40	8	60-100	10	12

Deep Bowl Type

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1126	\$1.10	5	25-40	10	9
1126A	1.35	7	50-60	10	11
1126B	1.45	8	75-100	10	13

Porcelain Enameled Sign Reflectors with Sockets

Green Outside, Reflecting Side White, Fitting Tapped 1/2 Inch

For Emblem, Circular, and Target Signs, Also Bill Board Lighting



With Horizontal Fitting

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1104	\$2.20	7 7 3/4	50, 60	10	18
1104A	2.20	8 9 1/4	75, 100	10	22

With Vertical Fitting

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1104B	\$2.20	7 7 3/4	50, 60	10	18
1104C	2.20	8 9 1/4	75, 100	10	22



With Horizontal Fitting

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1138	\$2.20	8 10	75, 100	10	20
1138A	2.50	10 11 1/2	150	10	25
1138B	3.95	12 13	200	10	30

With Vertical Fitting

No.	List Price	Dimensions in Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1138C	\$2.20	8 10	75, 100	10	20
1138D	2.50	10 11 1/2	150	10	25
1138E	3.95	12 13	200	10	30

Mounting and Spacing Guide

Approximate Height of Sign	Distance Out From Sign	Distance Apart	Reflector Number	Lamp Size Watts
3 ft.	1 ft. 6 in.	4 ft. 6 in.	1104	50, 60
5 ft.	2 ft. 6 in.	5 ft. 0 in.	1104A or 1138	75, 100
7 ft.	3 ft. 6 in.	6 ft. 0 in.	1138A	150
9 ft.	4 ft. 6 in.	7 ft. 0 in.	1138B	200
11 ft.	5 ft. 6 in.	8 ft. 0 in.	1138B	200

Porcelain Enameled Dome Reflectors

Finished Green Outside, Reflecting Side White



No. 1092

Socket Type with Vertical Fitting, Tapped 1/2 Inch

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1092	\$3.00	12	75, 100	10	25
1092A	3.20	14	150	10	37
1092B	3.75	16	200	10	50
1092C	4.85	18	300, 500	5	30



No. 1106

Socket Type with Horizontal Fitting, Tapped 1/2 Inch

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1106	\$3.00	12	75, 100	10	25
1106A	3.20	14	150	10	37
1106B	3.75	16	200	10	50



No. 1093

Holder Type for Standard 2 1/4-Inch Shade Holders

No.	List Price	Diam. Inches	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1093	\$1.75	12	75, 100	10	17
1093A	2.00	14	150	10	28
1093B	2.35	16	200	10	37

Note:—Attachable holders listed on page 21 can be attached to reflectors Nos. 1093, 1093A, 1093B.



Vapor and Dust Proof Fixtures

These units are made for use in oil fields, refineries, flour mills, grain elevators, engine rooms, and damp places where electrical connections and lamps must be protected from acid fumes, dust, and vapors.

Fixtures consist of hood made of copper and tapped for $\frac{1}{2}$ -inch pipe, porcelain socket, and heavy, clear, steam-tight globe with or without wire guard. A gasket between the hood and globe makes it tight. The hood is finished aluminum bronze.

Reflectors shown on fixtures are porcelain enameled green outside, reflecting side white.

Without Wire Guards



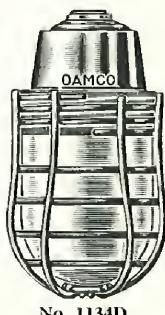
No. 1134

No.	List Price	Lamp Size Watts	Std. Pkg. Quan.	Pkg. Wgt. Lbs.
1134	\$2.10	25-60	10	25
1134A	2.65	75, 100, 150	10	35

With Ruby Globe

1134C	4.00	25-60	10	25
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With Wire Guards



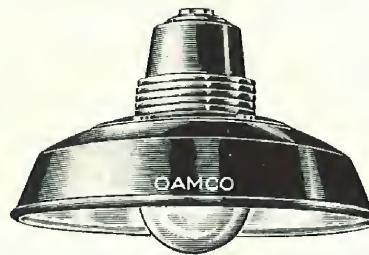
No. 1134D

No.	List Price	Lamp Size Watts	Std. Pkg. Quan.	Pkg. Wgt. Lbs.
1134D	\$2.75	25-60	10	30
1134E	3.65	75, 100, 150	10	40

With Ruby Globe

1134F	4.65	25-60	10	30
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Vapor Proof and Dust Tight Fixtures with Standard Dome Reflectors



No. 1134J

No.	List Price	Diam. of Reflector	Lamp Size Watts	Standard Quan- tity	Package Weight Lbs.
1134J	\$6.00	12 in.	75-100	10	45
1134K	6.75	14 in.	150	10	55
1134L	8.25	16 in.	200	10	75

Globes for Replacement

No.	List Price	Dimensions in Inches	Lamp Size Watts	Std. Pkg.
		Diam. Hgt.		
1012	\$0.45	4 $5\frac{1}{4}$	25-60	10
1012A	.75	4 $\frac{1}{4}$ 8 $\frac{1}{4}$	75, 100, 150	10

Ruby Globes

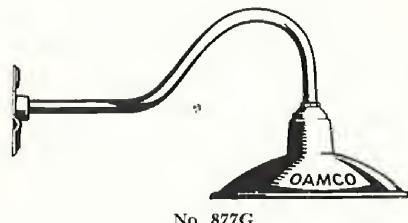
1012C	2.35	4 $5\frac{1}{4}$	25-60	10
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Weatherproof Bracket Fixtures

For Farm Yards, Backyards, Areaways, Entrances, Etc.

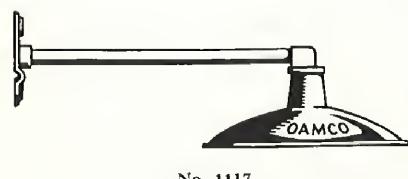
Fixtures are complete as shown. Includes cast flange and $\frac{1}{2}$ -inch bracket electro galvanized, porcelain enameled steel reflector with porcelain socket.

Gooseneck Bracket with Flat Cone Reflector



No. 877G

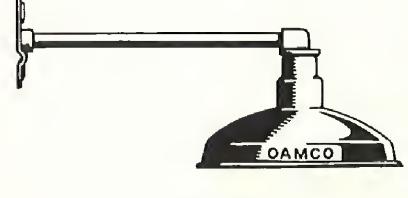
No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
877G	\$3.00	10 in.	26 in.	25, 40	10	44
877E	3.40	12 in.	27 in.	50, 60	10	47
877A	3.60	14 in.	28 in.	75, 100	10	52
877C	4.45	16 in.	38 in.	150	10	70



No. 1117

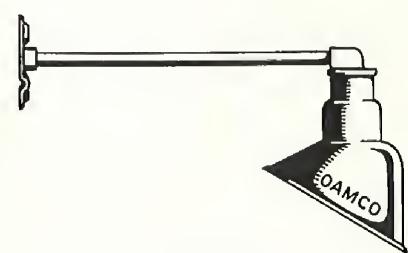
No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1117	\$2.75	10 in.	22 in.	25, 40	10	38
1117A	3.15	12 in.	23 in.	50, 60	10	40
1117B	3.35	14 in.	24 in.	75, 100	10	45

Bracket with Dome Reflector



No. 1116

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1116	\$3.65	12 in.	22 in.	75, 100	10	45
1116A	3.85	14 in.	24 in.	150	10	57
1116B	4.40	16 in.	26 in.	200	10	70



No. 1118

No.	List Price	Diam. of Reflector	Length Overall	Lamp Size Watts	Standard Quantity	Package Weight Lbs.
1118	\$2.85	7 in.	20 in.	50, 60	10	38
1118A	2.85	8 in.	21 in.	75, 100	10	42
1118B	3.15	10 in.	22 in.	150	10	45
1118C	4.60	12 in.	23 in.	200	10	50

Note:—Weatherproof bracket fixtures are equipped with wall flanges; if pole flanges are wanted, state regular number with "Pole."

Weatherproof Fittings

Gooseneck Brackets—Electro Galvanized



No. 1075

No.	List Price	Size in Inches		Standard Quantity	Package Weight Lbs.
		Pipe	Length		
1075	\$0.55	1/2	21	10	18
1075A	.60	1/2	30	10	27
1075B	.45	3/8	18	10	11

Straight Stem—Electro Galvanized



No. 1137

No.	List Price	Size in Inches		Standard Quantity	Package Weight Lbs.
		Pipe	Length		
1137	\$0.30	1/2	16	10	12

Pole and Wall Flanges—Electro Galvanized

Length 4 3/4 Inches, Width 3 Inches, 3/8-Inch Screw Holes



No. 164

No.	List Price	Kind of Flange	Size Tapped	Standard Quantity	Package Weight Lbs.
163	\$0.35	Pole	1/2 in.	10	8
164	.35	Wall	1/2 in.	10	8
164A	.35	Wall	3/8 in.	10	8

Suspension Fittings—Electro Galvanized

With Porcelain Wire Openings



No. 1091

No.	List Price	Kind of Fitting	Standard Quantity	Package Weight Lbs.
1091	\$0.55	1/2-in. Male	10	9
1091A	.45	1/2 in. Female	10	8

Cross Arm Suspension Hanger—Electro Galvanized

Consists of Wire Rope Clamp, Hanger No. 1091, and Cross Arm with Porcelain Knobs



No. 1095

No.	List Price	Kind of Fitting	Standard Quantity	Package Weight Lbs.
1095	\$1.00	1/2 in. Male	10	20

Reflector Fittings



No. 1127



No. 1128



No. 1130



No. 1131

Porcelain Sockets with Fittings Used with Socket Reflectors

No.	List Price	Kind	Fitting Tapped	Standard Quantity	Package Weight Lbs.
1127	\$1.05	Medium Base—One Piece	1/2"	10	8
1128	1.05	Medium Base—Two Piece	1/2"	10	8
1129	1.50	Mogul Base—Two Piece	1/2"	10	12
1130	1.05	Medium Base—One Piece	1/2"	10	8
1131	1.85	Medium Base—Pull Chain	1/2"	10	8



No. 4200

For Use with Reflectors Nos. 939-939C, Page 11; 940-940C, Page 12; 941-941D, Page 13; 942-942C, Page 14

No.	List Price Per 100	Bushing Tapped	Standard Quantity	Package Weight Lbs.
*4200	\$70.70	1/2"	50	17
*4201	70.70	3/8"	50	17



No. 1406

Outlet Box Cover with Socket
Fits Outlet Boxes at Least 1 1/2 Inches Deep
For Use with Any Reflector Equipped with Type D Holder

No.	List Price Per 100	For Box Size	Finish	Standard Quantity	Package Weight Lbs.
*1406	\$71.00	3 1/4", 4"	Green Enamelled	50	50

Attachable Holders
Attach to Reflectors with Type A Neck



No. 1132-Type B



No. 1132A-Type C



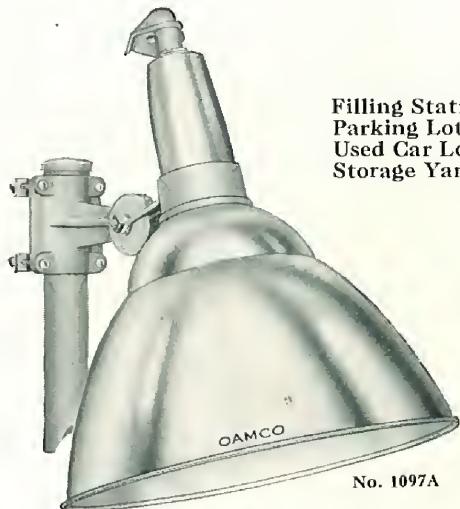
No. 1132B-Type D

No.	List Price	Description	Standard Quantity	Package Weight, Lbs.
1132	\$0.15	Type B—For Brass Threaded Shell Sockets	10	1
1132A	.15	Type C—For Porcelain Sockets	10	1
1132B	.15	Type D—For Aluminum Sockets Nos. 4200, 4201, 1406	10	1

*Note:—Aluminum Weatherproof Threaded Sockets Nos. 4200, 4201, and Outlet Box Cover with Socket No. 1406—Schedule B-2 discounts apply. All other items under Schedule B-1.



Outdoor Floodlights



Filling Stations
Parking Lots
Used Car Lots
Storage Yards

FOR
Construction Work
Playgrounds
Athletic Fields
Fair Grounds

Bathing Beaches
Skating Rinks
Football Fields
Golf Courses

Municipal Parks
Tennis Courts
Race Tracks

Open Type

Aluminum reflector finished oxidized aluminum inside and outside. The finish is not affected by atmospheric conditions and can be easily cleaned.

Bracket is cast iron and adjustable. Can be attached to poles up to $2\frac{1}{2}$ inches outside diameter or flat surface.

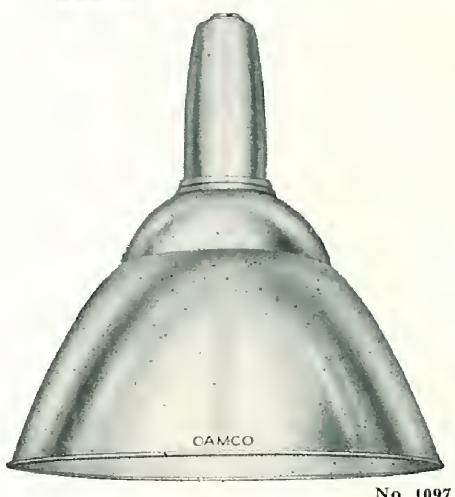
No.	List Price	Dimensions in inches	Lamp Size	Standard Quantity	Package Weight Lbs.
		Diam. Height	Watts		
1097B	\$12.00	14 16	300, 500	1	11
1097A	15.00	18 20	750, 1500	1	13

Pendent Type—For Outdoor and Indoor Use

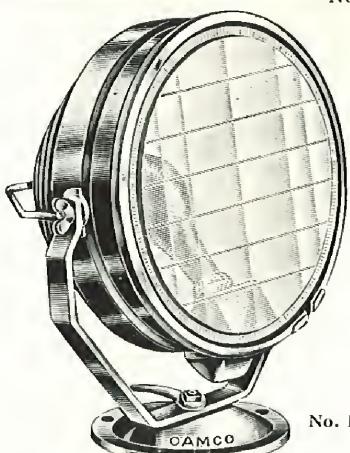
For Lighting of High Bays, Aircraft Hangars, Gymnasiums, Boxing Rings, Tennis Courts, Etc.

Aluminum reflector finished oxidized aluminum inside and outside. Mogul socket with fitting tapped for $\frac{1}{2}$ -inch conduit.

No.	List Price	Dimensions in inches	Lamp Size	Standard Quantity	Package Weight Lbs.
		Diam. Height	Watts		
1097C	\$ 9.00	14 16	300, 500	1	5
1097	12.00	18 20	750, 1500	1	7



No. 1097



No. 1135

Enclosed Floodlight

For { 150 Watt PS-25 Standard Lamp
250 Watt G-30 Floodlight Service Lamp

Reflector is aluminum, oxidized inside and sealed against weather and dust by a lens and rubber gasket; finished outside with weatherproof aluminum paint.

Bracket is adjustable so the reflector can be tilted at any angle or turned in a circle. Bracket is cadmium plated.

Equipped with 5 feet rubber cord and plug. Lens is not removed when relamped.

Base Mounting

No.	List Price	Dimensions in inches	Standard Quantity	Package Weight Lbs.
		Diam. Height		
1135	\$9.75 9.50	10 $\frac{1}{2}$ 14	1	8 $\frac{1}{2}$

Pipe Clamp Mounting

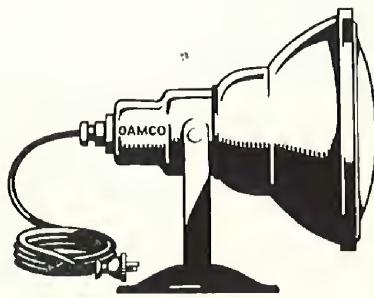
No.	List Price	Dimensions in inches	Standard Quantity	Package Weight Lbs.
		Diam. Height		
1135A	\$9.75 9.50	10 $\frac{1}{2}$ 14	1	8 $\frac{1}{2}$

Outdoor Floodlight

For 75 or 100 Watt Standard Lamps

TO ILLUMINATE

Driveways, Entrances, Roadside Stands, Filling Stations, Parking Areas, Areaways, Gardens, Model Homes, Signs, Merchandise Exhibits.



No. 1121

Reflector is aluminum, polished inside and sealed against weather and dust by a heat resisting lens and rubber gasket which is held in position by a metal band; aluminum bronze finish outside.

Bracket is adjustable so reflector can be tilted up or down or turned in a circle. Base and bracket are electro galvanized.

Equipped with 5 feet rubber cord and plug cap.



No. 1122

No.	List Price	Diam. of Reflector, inches	Color of Lens	Standard Quantity	Package Weight Lbs.
1121	\$6.80	5.85	Clear	1	5
1121A	7.80	6.85	Amber	1	5
1121B	7.80	6.85	Green	1	5

Indoor Floodlights

Reflectors are aluminum, polished inside, finished green lacquer outside. Equipped with adjustable bracket, base, porcelain socket, 5 feet cord, and plug cap.

Color equipment consists of frame and one sheet of red, blue, green, and amber gelatins.



No. 983

No.	List Price	Description	Diam. of Reflector, in.	Lamp Size	Standard Quantity	Package Wt. Lbs.
1122	\$5.50	With color equipment	8 $\frac{1}{4}$	75, 100	1	3
1122A	5.00	Without color equipment	8 $\frac{1}{4}$	75, 100	1	3
983	7.00	With color equipment	11 $\frac{1}{2}$	150, 200	1	4
983A	6.50	Without color equipment	11 $\frac{1}{2}$	150, 200	1	4



Show Case Reflectors

For 25 Watt T-10 Tubular Lamps

Reflectors are made of steel with polished chromium plate reflector liner and porcelain socket. Wiring outlet each end for $\frac{1}{2}$ -inch brass tube or $\frac{5}{16}$ -inch flexible conduit. Hangers are furnished for wood moulding or all glass show case. Depth is $1\frac{3}{4}$ inches, width $2\frac{3}{8}$ inches. Standard finish is sprayed statuary bronze.

Unwired Reflectors with Hangers



No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1114	\$2.00	9	1	5	7
1114A	4.20	18	2	5	12



Reflector Assembly

The assembly is made up of reflector No. 1114 and connected with $\frac{3}{8}$ inch brass tube No. 1013, elbow No. 1015, upright tube No. 1013, tube connector No. 1016, and 30 inches $\frac{5}{16}$ -inch flexible conduit with box connector No. 1030.

Reflectors spaced evenly give the best lighting results.

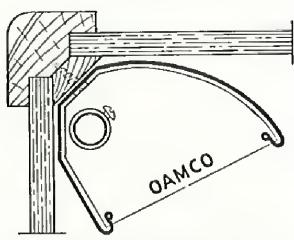
Show Case Wiring Tube and Fittings

Finished Sprayed Statuary Bronze

For use with Show Case Reflectors Nos. 1114, 1114A and Tubular Half Reflectors Nos. 577D, 578A, Page 6 and 773A Page 7

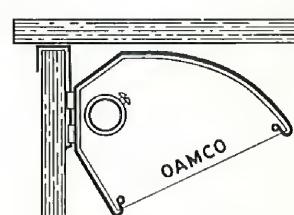
No.	List Price	Description	Standard Package
1013	\$0.30 Ft.	$\frac{3}{8}$ -inch brass tube—cut to length.....	10 Feet
1014	1.75	Junction box with cover for use with tubular half reflector Nos. 577D, 578A page 5 and 773A page 6.....	5
1015	.25	Elbow with set screws.....	5
1016	.30	Tube connector— $\frac{3}{8}$ -inch brass tube to $\frac{5}{16}$ -inch flexible conduit.....	5
1030	.60	$\frac{5}{16}$ -inch flexible conduit with box connector, 30 inches long.....	5

Cross Section of No. 1114 Show Case Reflector Showing Hangers



Hanger for Wood Frame Case

Scale
One-half Full Size



Hanger for All Glass Case

Show Case Reflectors

For 25 Watt T-10 Tubular Lamps

Reflectors are made of steel with polished chromium plate reflecting lining. Wired with porcelain sockets with outlet for $\frac{5}{16}$ -inch flexible conduit. Depth is $1\frac{3}{4}$ -inches, width $2\frac{1}{8}$ -inches. Hangers are for wood or all glass show cases. Standard finish sprayed statuary bronze.



No. 1078B

No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1078B	\$ 7.50	30	2	4	15
1078C	9.50	45	3	4	20
1078D	13.00	60	4	4	25

Continuous Lengths

Made in any length up to 10 feet. Wired with keyless sockets spaced 18 inches on centers.

No.	List Price Per Foot	Lamp Size Watts	Standard Package
1080	\$3.15	25 Watt T-10	15 Feet

Show Case Reflectors

For 25 Watt T-6½ Intermediate Base Tubular Lamps

Construction is the same as above reflectors, except depth is $1\frac{5}{8}$ inches, width $1\frac{3}{4}$ inches.



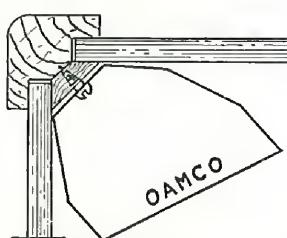
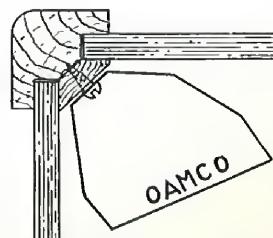
No. 1079A

No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1079	\$2.00	8½	1	5	5
1079A	4.20	18	2	5	10

Continuous Lengths

Made in any length up to 10 feet. Wired with keyless sockets spaced 12 inches on centers.

No.	List Price Per Foot	Lamp Size Watts	Standard Package
1080A	\$3.15	25 Watt T-6½	15 Feet

No. 1078B—Cross Section
 $\frac{1}{2}$ Full Size for T-10 LampNo. 1079—Cross Section
 $\frac{1}{2}$ Full Size for T-6½ Lamp



One and Two Light Reflectors

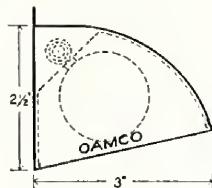
For Illuminating Wall Cases, Wall Displays, Shelves, Etc.



No. 1109C

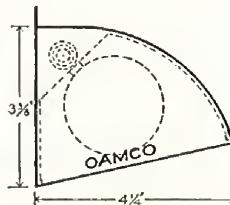
Unwired units made of steel with polished chromium plate reflector lining, porcelain socket, and wiring outlet each end for $\frac{5}{16}$ -inch flexible conduit, $\frac{1}{4}$ -inch iron pipe or $\frac{1}{2}$ -inch brass tube. Finished sprayed aluminum bronze. Finishes other than standard may be obtained.

For 25 Watt T-10 Tubular Lamps



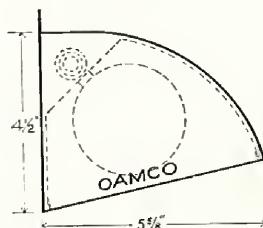
No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1109	\$2.90	9	1	5	6
1109A	4.00	15	2	5	10

For 25, 40, and 60 Watt Lamps



No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1109B	\$3.00	9	1	5	7
1109C	4.00	15	2	5	12

For 75 or 100 Watt Lamps



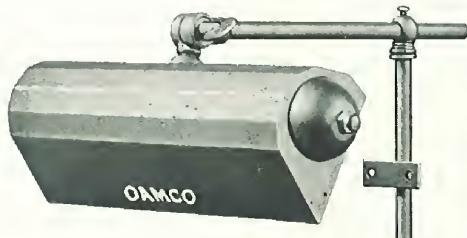
No.	List Price	Length Inches	Lights	Standard Quantity	Package Weight Lbs.
1109D	\$4.50	12	1	5	10
1109E	6.25	16	2	5	16

Brass pull chain sockets can be furnished in any of the above reflectors.

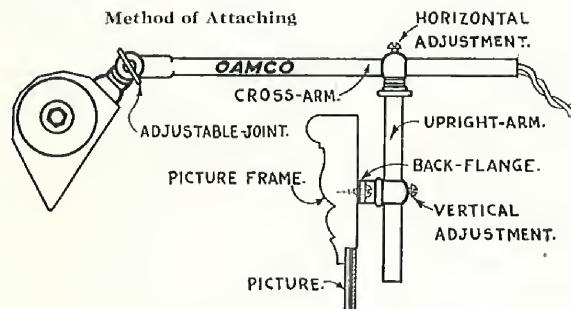
Single pull chain sockets at an advance of..... \$0.50 List

Twin pull chain sockets at an advance of..... 1.20 List

Picture Reflectors



Nos. 933 and 934



1/4 Full Size Cross Section Nos. 933 and 934

They are equipped with an adjustable bracket to fasten to the back of the picture frame, and may be adjusted to reflect the light at any desired angle. Reflecting surface polished chromium plate. Prices include wiring with keyless sockets, 10 feet silk lamp cord, and attachment plug cap.

No. 933—1 Light, will distribute light evenly over a picture 30 by 30 inches.

No. 934—2 light, will distribute light evenly over a picture 45 by 45 inches to one light size.

For 25 Watt T-10 Tubular Lamps

No.	List Price	Material	Description Finish	Lights	Length of Reflector	Width of Reflector	Standard Quantity	Package Weight Lbs.
933	\$ 5.00	Steel	Sprayed Old Gold.....	1	10 in.	2½ in.	5	9
933A	8.00	Brass	Brush Brass.....	1	10 in.	2½ in.	5	9
933B	8.00	Brass	Statuary Bronze.....	1	10 in.	2½ in.	5	9
933C	9.00	Brass	Polished Chromium.....	1	10 in.	2½ in.	5	9
934	7.50	Steel	Sprayed Old Gold.....	2	17 in.	2½ in.	5	12
934A	10.00	Brass	Brush Brass.....	2	17 in.	2½ in.	5	12
934B	10.00	Brass	Statuary Bronze.....	2	17 in.	2½ in.	5	12
934C	12.00	Brass	Polished Chromium.....	2	17 in.	2½ in.	5	12
934D	13.00	Steel	Sprayed Old Gold.....	3	24 in.	2½ in.	3	9



No. 543D

Nos. 543D to 543F are for large pictures. They are equipped with adjustable brackets to fasten to the back of the picture frame, and may be adjusted to reflect the light at any desired angle. Reflecting surface is aluminum bronze. Prices include wiring with keyless sockets, 10 feet silk lamp cord and attachment plug cap.

For 25, 40, or 60 Watt Lamps

No.	List Price	Material	Description Finish	Lights	Length of Reflector	Width of Reflector	Standard Quantity	Package Weight Lbs.
543D	\$19.00	Steel	Sprayed Old Gold.....	3	30 in.	3½ in.	3	15
543E	23.00	Steel	Sprayed Old Gold.....	4	36 in.	3½ in.	3	20
543F	28.00	Steel	Sprayed Old Gold.....	5	45 in.	3½ in.	3	25

Reflectors may be obtained in finishes other than ones mentioned above.

Reflectors wired with canopy switch at advance of \$1.15 list.

Refrigerator Case Reflector and Fittings

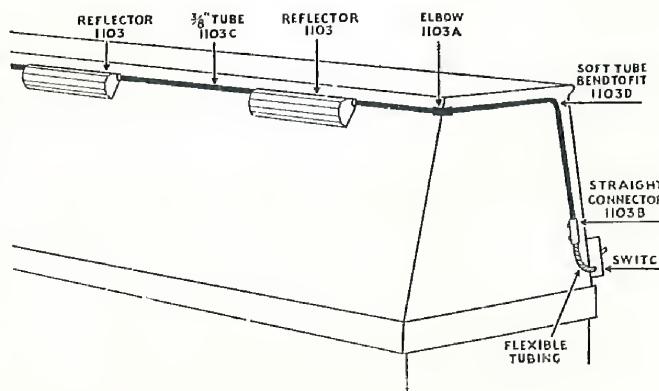
For 25 Watt T-10 Tubular Lamps



No. 1103

The reflector is attached to the outside of the case, having an outlet at each end for $\frac{3}{8}$ -inch brass tube.

Reflector is made of brass, chromium plated outside, with chromium plate reflecting lining and porcelain socket. Length 8 inches.



No.	List Price	Description	Standard Package
1103	\$4.00	Reflector and socket.....	5
1103A	.30	Elbow—polished chromium.....	5
1103B	.90	Straight connector—polished chromium, $\frac{3}{8}$ -inch tube x $\frac{5}{16}$ -inch flexible conduit.....	5
1103C	.30 ft.	$\frac{3}{8}$ -inch brass tube—polished chromium.....	10 ft.
1103D	.30 ft.	$\frac{3}{8}$ -inch soft brass tube—polished chromium.....	10 ft.

Music Stand Reflector



No. 779

Made of steel, finished old gold outside, aluminum bronze inside. Equipped with adjustable bracket to attach to the music stand frame or pulpit. The reflector may be adjusted to reflect the light at any desired angle. Designed for use with $\frac{3}{8}$ -inch pull socket and 25 to 60 watt lamps. Length, 10 inches; diameter, 3 inches.

Music Stand Reflector

No.	List Price	Description	Standard Package	
			Quantity	Weight Lbs.
779	\$3.80	Reflector and bracket.....	5	7
779A	4.50	Reflector, bracket and pull socket.....	5	9
779C	6.00	Reflector and bracket wired with pull socket, 8 feet cord and plug cap.....	5	11

Pulpit Reflector



No. 778

Pulpit Reflector

No.	List Price	Description	Standard Package	
			Quantity	Weight Lbs.
778	\$3.80	Reflector and bracket.....	5	7
778A	4.50	Reflector, bracket and pull socket.....	5	9
778C	6.00	Reflector and bracket wired with pull socket, 8 feet cord and plug cap.....	5	11

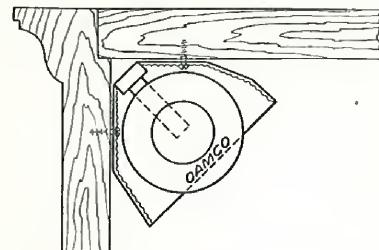
Wall Case, Show Window, Art Gallery, Rug Rack Reflectors

Made of steel, with polished chromium plate reflecting lining. Wired with porcelain keyless sockets spaced 15 inches apart. Standard finish is green lacquer outside but they may be obtained in other finishes if specified.



No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
521E	\$3.25	25, 40	3 $\frac{1}{4}$	3 $\frac{1}{2}$	10
521F	3.55	50, 60	4 $\frac{1}{4}$	4 $\frac{1}{2}$	10

Continuous Wall Case Reflectors



Continuous Show Window Reflectors

No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
1111	\$4.25	50, 60	3 $\frac{1}{4}$	4 $\frac{1}{2}$	10
1111A	4.50	75, 100, 150	4 $\frac{3}{8}$	5 $\frac{1}{2}$	10



Continuous Art Gallery and Rug Rack Reflectors

No.	List Price Per Foot	Lamp Size Watts	Depth Inches	Width Inches	Standard Package Feet
976	\$6.75	50, 60	3 $\frac{3}{4}$	5 $\frac{1}{2}$	10
976A	7.00	75, 100, 150	4 $\frac{3}{4}$	6 $\frac{1}{2}$	10

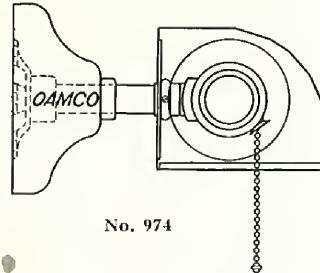


Bracket Reflectors

Reflectors are made of steel or brass as specified, and wired with sockets. Reflecting lining is polished chromium plate. Reflectors may be obtained in finishes other than ones mentioned.



No. 974

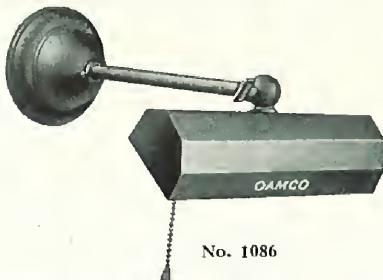


No. 974

Coupon Booth and Wall Desk Reflectors

For 25, 40, or 60 Watt Lamps

Steel Statuary Bronze		Brass Brush Brass		DESCRIPTION					
No.	List Price	No.	List Price	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
974	\$ 9.50	974B	\$12.50	1	Single Pull	9 in.	4 1/4 in.	3 1/2 in.	3
974A	11.50	974C	14.50	2	Twin Pull	15 in.	4 1/4 in.	3 1/2 in.	3



No. 1086

Bracket Reflectors with Adjustable Joint

For Fitting Rooms—Assorting Racks

Nos. 1086, 1086A }
Nos. 1086D, 1086E } For 25 Watt T-10 Tubular Lamps
Nos. 1086B, 1086C }
Nos. 1086F, 1086G } For 25, 40, or 60 Watt Standard Lamps

Steel Statuary Bronze		Brass Brush Brass		DESCRIPTION					
No.	List Price	No.	List Price	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
1086	\$ 8.25	1086D	\$10.00	1	Single Pull	9 in.	3 3/4 in.	10 in.	3
1086A	9.00	1086E	12.00	2	Twin Pull	15 in.	3 3/4 in.	10 in.	3
1086B	10.00	1086F	12.00	1	Single Pull	9 in.	4 1/4 in.	10 in.	3
1086C	12.00	1086G	15.00	2	Twin Pull	15 in.	4 1/4 in.	10 in.	3



No. 1112

Bracket Reflectors

For Blackboards, Advertising Signs, Wall Displays

25, 40, or 60 Watt Standard Lamps

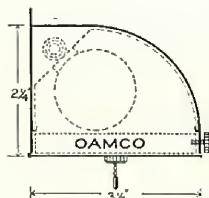
No.	List Price	Material	Finish	Lights	Socket	Length of Reflector	Width of Reflector	Length of Arm	Standard Package
1112	\$ 9.50	Steel	Statuary Bronze	1	Keyless	9 in.	4 1/4 in.	10 in.	3
1112A	11.50	Steel	Statuary Bronze	2	Keyless	15 in.	4 1/4 in.	10 in.	3

Bank and Cashier Cage Reflectors



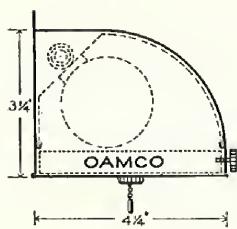
No. 1110

Made of steel or brass, with diffusing glass door and polished chromium plate reflecting lining. Wired with twin pull socket with wire outlet for $\frac{5}{16}$ -inch flexible conduit. Standard finish of steel reflectors is black, brass reflectors bank bronze, but they may be obtained in other finishes if specified.



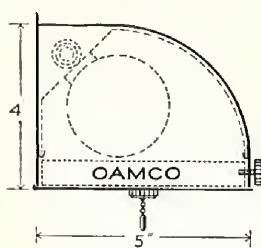
For 25 Watt T-10 Tubular Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110	\$12.00	18 in.	2	Steel	Black	3
1110A	15.50	18 in.	2	Brass	Bank Bronze	3



For 25 or 40 Watt Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110B	\$12.50	18 in.	2	Steel	Black	3
1110C	17.00	18 in.	2	Brass	Bank Bronze	3



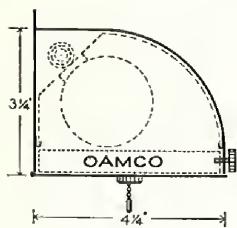
For 50 or 60 Watt Lamps

No.	List Price	Length	Lights	Material	Finish	Std. Pkg.
1110D	\$13.00	18 in.	2	Steel	Black	3
1110E	18.00	18 in.	2	Brass	Bank Bronze	3

Continuous Bank Screen Reflectors

For 25, 40 or 50 Watt Lamps

Made in lengths up to 10 feet, and wired with keyless sockets spaced 12 inches apart. All other material used same as specified above.



No.	List Price Per Foot	Material	Finish	Std. Pkg. Feet
1110F	\$7.75	Steel	Black	10
1110G	10.35	Brass	Bank Bronze	10



Wiring Channel and Fittings

For Use In Show Windows, Cove Lighting, and Similar Places

Channel and Fittings are Finished to Prevent Corrosion

Wiring Channel



No. 986

Standard lengths 10 feet, width $2\frac{1}{4}$ in. by $1\frac{1}{4}$ in. depth, 20 gauge steel with knockouts spaced on 3-inch centers for receptacles similar to Arrow No. 8109, Bryant No. 4133, P. & S. No. 4036.

No.	List Price Per Foot	Std. Pkg. Ft.
986	\$0.50	50



No. 987

End Casting

For closing ends of channel

No.	List Price	Std. Pkg.
987	\$0.25	5



No. 988

Hinge Joint

To adjust channel to any angle

No.	List Price	Std. Pkg.
988	\$1.00	1



No. 989

Ceiling Hanger

To hold channel when screwed to ceiling

No.	List Price	Std. Pkg.
989	\$0.15	5



No. 993

Coupling

Connects two pieces channel together

No.	List Price	Std. Pkg.
993	\$0.20	5

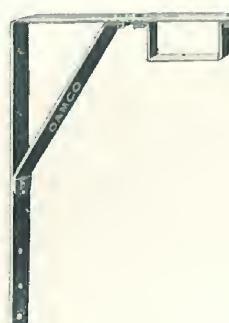


No. 990

Transom Bar Hanger

To suspend channel from transom bar

No.	List Price	Std. Pkg.
990	\$0.50	5

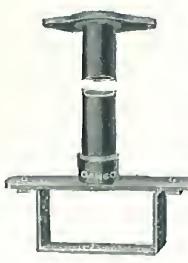


No. 991

Transom Bar Hanger

To suspend channel from transom bar so lower edge of reflector will be even with transom bar

No.	List Price	Std. Pkg.
991	\$0.75	5



No. 992

Ceiling Drop Hanger

To suspend channel from ceiling

No.	List Price	Std. Pkg.
992	\$0.50	5



No. 994

Porcelain Receptacle

For use with channel No. 986. Has groove for a standard weatherproof shade holder

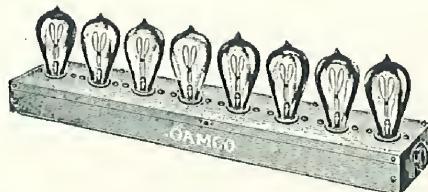
No.	List Price	Std. Pkg.
994	\$0.25	10

Footlights and Border Reflectors

Used for Lighting Small Stages in Schools, Churches, and Similar Places

Made of 20 gauge galvanized steel, finished green outside, reflecting side white reflector enamel. Color effects are produced by using colored glass bulbs.

Footlight Without Reflector



No. 592

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
592	\$1.00	Straight	4	2
592B	2.00	Curved	4	2

Wiring and sockets, per light \$0.65 list each.

Footlight With Reflector

For 50, 60, 75, 100 Watt Lamps



No. 833

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
833	\$2.25	Straight	4	8
833A	3.50	Curved	4	8

Wiring and sockets, per light \$0.65 list each.

Border Reflector

For 50, 60, 75, 100 Watt Lamps



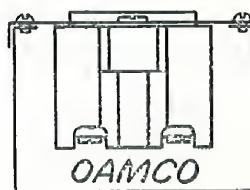
No. 834

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
834	\$2.25		4	8

Wiring and sockets, per light \$0.65 list each.

Wiring Channels

For Outline or Cove Lighting



No. 979

Made in lengths specified with receptacle holes punched on centers as wanted. Finished aluminum bronze.

For No. 59108 Receptacle or Similar

No.	List Price Per Foot		Dimensions, inches	
			Width	Height
1000	\$0.65		2 $\frac{1}{4}$	1 $\frac{1}{4}$

For No. 4063 Receptacle or Similar

No.	List Price		Dimensions, inches	
			Width	Height
979	\$0.75		3	2

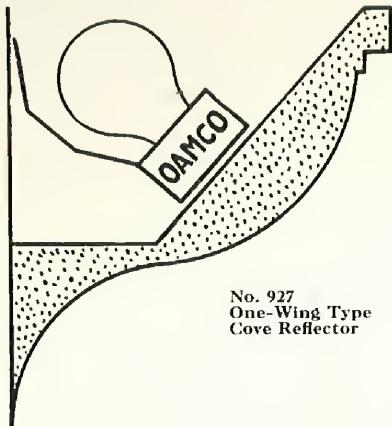
Wiring and sockets, per light \$0.65 list each.



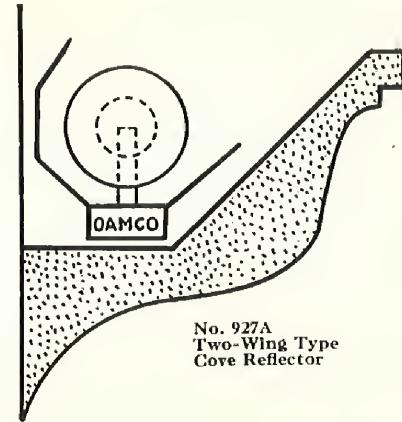
Designs for Special Reflectors

To meet special conditions we are prepared to furnish designs and in position to estimate on designs and specifications of architects, engineers, and others.

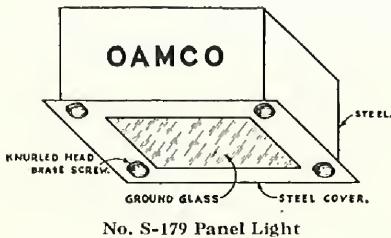
The sketches are for the purpose of showing a few of the many special forms which we have made in order to meet certain lighting requirements.



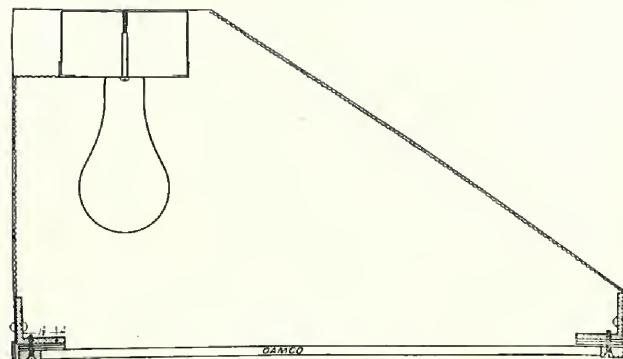
No. 927
One-Wing Type
Cove Reflector



No. 927A
Two-Wing Type
Cove Reflector



No. S-179 Panel Light



No. 948 Hand Ball and Squash Court Reflector

At the Century of Progress held in Chicago we manufactured reflectors of many different designs which were used in buildings such as

Hall of Religion

Hall of Science

Electrical Building

General Exhibits Building

Agricultural Building

Japanese Pavilion

Federal Building

H. W. Johns-Manville Building

John R. Thompson Restaurant

OVERBAGH & AYRES MFG. CO.

411 S. CLINTON ST., CHICAGO, ILL.

Electrical Contractors', Electrical Contractor-Dealers' and Dealers' Discount Sheet No. 131
AUGUST 5, 1934

APPLYING TO CATALOG No. 89

CANCELING ALL PREVIOUS DISCOUNT SHEETS

CLASSIFICATIONS OF TRADE

Electrical Contractor, Electrical Contractor-Dealer and Dealer. An electrical contractor is any firm (individual, partnership or corporation) or organization who supplies as a business and/or installs electrical equipment and supplies for individuals or firms, and who is licensed where required by state and local governments. A dealer is any firm (individual, partnership or corporation) who purchases electrical equipment and supplies for resale.

Governmental Users. Municipal, county, state and Federal governments and their agencies or political subdivisions.

Public Utility Users. Steam and electrical railroads and other transportation companies; public utilities, their subsidiaries and holding companies.

Industrial and Commercial Users. Manufacturing establishments, commercial establishments or organizations, and institutions in which the maintaining, servicing or repairing of existing installations is performed by own permanent employee or employees who are qualified to perform electrical maintenance work and are regularly and continuously employed for this purpose.

Consumers. Consumers are all users except those otherwise listed above.

Schedule	Quantities	Contractor-Dealer; Governmental and Public Utility Users	Industrial and Commercial Users	Consumer
A Page 4	Less than standard package 1 standard package or more 4 standard packages or more	20% 32% 34%	10% 24% 26%	List List List
A-1 Pages 5, 6, 7	Less than standard package Standard package or more	33% 40%	25% 33%	List List
B Pages 8, 9, 10, 11, 12, 13, 14, 15	Less than standard package 1 standard package or more 5 standard packages or more	20% 33% 39%	10% 25% 32%	List List List
B-1 Pages 16, 17, 18, 19, 20, 21	Less than standard package 1 standard package or more 5 standard packages or more	20% 33% 39%	10% 25% 32%	List List List
B-2 Page 21	Less than \$15 List \$15 to \$60 List \$60 List and over	20% 30% 40%		
C Pages 24, 25, 26, 27, 28	Less than standard package Standard package or more	30% 35%	23% 28%	List List
C-1 Pages 29, 30, 31	Less than standard package Standard package or more	30% 33 1/3%	23% 25%	List List
D Pages 22, 23	Any quantity	40%	40%	25%
E Page 32	Less than standard package Standard package or more	33% 38%	25% 32%	List List
F Page 33	Any quantity	35%	28%	List

GRAVES ELECTRIC SUPPLY CO.
28 SOUTH RICHARDSON ST.
GREENVILLE, S. C.

Conditions of Sale

Terms and Discounts

Terms are thirty days net, or 2% allowed for cash on invoices dated 1st to 15th if paid on 25th, on invoices dated 16th to 31st if paid on 10th of the following month.

Quantities and discounts apply to one delivery to one consignee.
Prices and discounts are subject to change without notice.

Minimum billing. No order will be billed at less than \$1.00 net.

Assortment of Material

Assortment of materials within its own schedule is permitted in making up quantities to obtain the maximum discounts but must include at least one unbroken standard package.

Shipments

Deliveries are F. O. B. cars, Chicago, Illinois, with freight allowed on Schedules A, A-1, B, B-1, C, E, and F, to point of destination on all orders for shipments weighing 100 lbs. or more. No allowance is made on orders for shipments weighing less than 100 lbs.

On Schedule D freight will be allowed to destination regardless of weight. All orders for express shipment of less than 100 lbs. are at Consignee's expense. On orders for express shipment of more than 100 lbs. buyer will be allowed, when due, an amount equivalent to allowable freight.

Goods are shipped at purchaser's risk. Our responsibility for safe delivery ceases when they have been received in good condition by the transportation company.

Overbagh & Ayres Mfg. Company will use its own discretion in routing all shipments upon which it allows transportation charges. Shipments will be made in any manner requested by the customer if the customer will assume the extra transportation costs.

Packing

On domestic orders, except when otherwise specified, no charge. On export orders, packing charged at cost.

Returned Goods

Goods returned will not be accepted unless accompanied by a "Returned Material Permission Slip." For goods accepted for return a credit will be issued at the prices prevailing at the time of shipment or at the time of return, whichever is lower, from which will be deducted the expense for return transportation and a minimum service charge of 10% of the invoice value to cover the cost of handling, packing, unpacking and placing the products in salable condition. Goods returned for defects in manufacture, delay in delivery, or errors in shipment will be accepted at full credit and without service charge. Requests to return materials must be made within 4 months from date of shipment.

Sales Taxes

The amount of any present or future sales or other tax, Federal or State, which the manufacturer now or hereafter shall be liable for or required to pay, either on its own behalf or on behalf of the purchaser or otherwise, with respect to the material covered hereby shall be added to the prices contained herein and paid by the purchaser in the same manner and with the same effect as if originally added thereto.

OVERBAGH & AYRES MFG. CO.

411 South Clinton Street
CHICAGO, ILL.

ODAMCO